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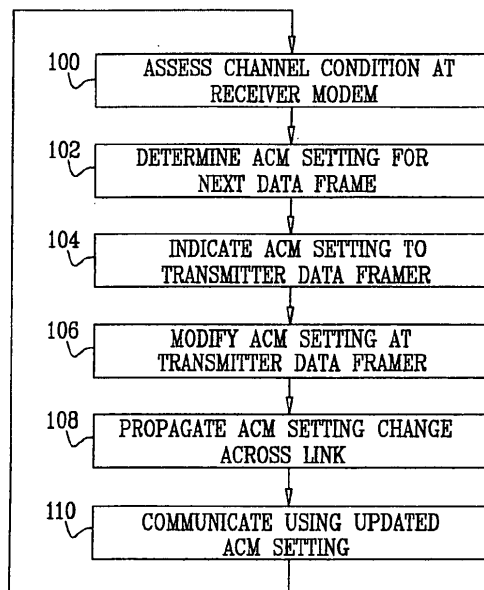
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(54) **Cascaded links with adaptive coding and modulation**

(57) A communication system includes a first communication unit, which is arranged to communicate with a remote communication system over a first communication link having a first, variable data rate. A second communication unit is arranged to exchange data with the remote communication system by communicating with the first communication unit over a second communication link having a second data rate. The first and second communication units are arranged to modify the second data rate responsively to variations in the first data rate, so as to match the second data rate to the first data rate.

FIG. 3



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EUROPEAN SEARCH REPORT

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EP 07 29 0806

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	FR 2 839 227 A1 (CANON KK [JP]) 31 October 2003 (2003-10-31) * abstract * * figures 1,5 * * page 1, line 21 - line 28 * * claims 1,2 *	1-10, 15-25	INV. H04L1/00
X	GIANNAKIS G B ET AL: "Queuing With Adaptive Modulation and Coding Over Wireless Links: Cross-Layer Analysis and Design", IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 4, no. 3, 1 May 2005 (2005-05-01), pages 1142-1153, XP011131403, ISSN: 1536-1276, DOI: 10.1109/TWC.2005.847005 * abstract * * figures 1,2,4 * * section II: system model * * section IV: cross-layer design example *	1-25	TECHNICAL FIELDS SEARCHED (IPC) H04L
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 27 August 2012	Examiner Ivanov, Tzvetan
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82